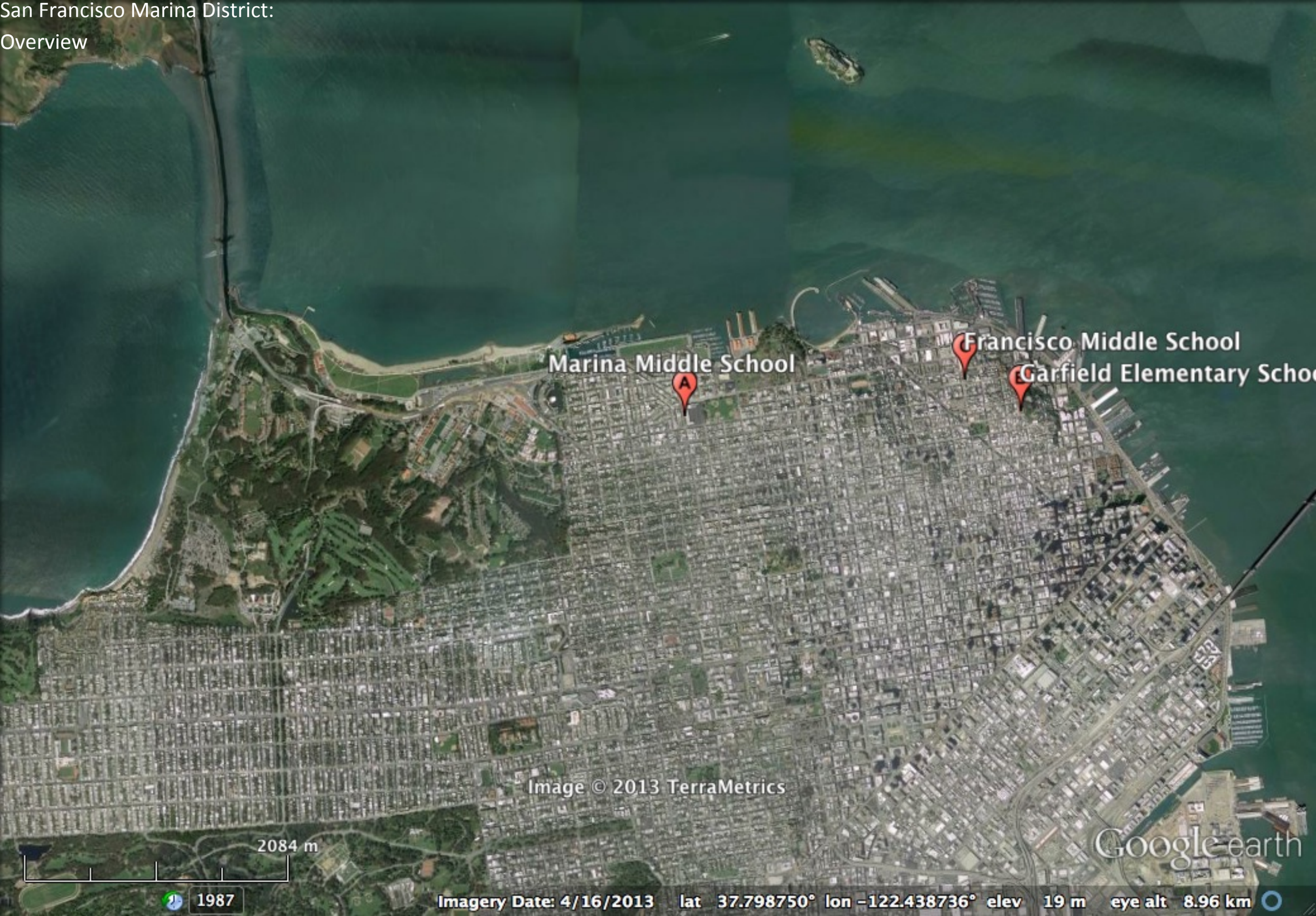
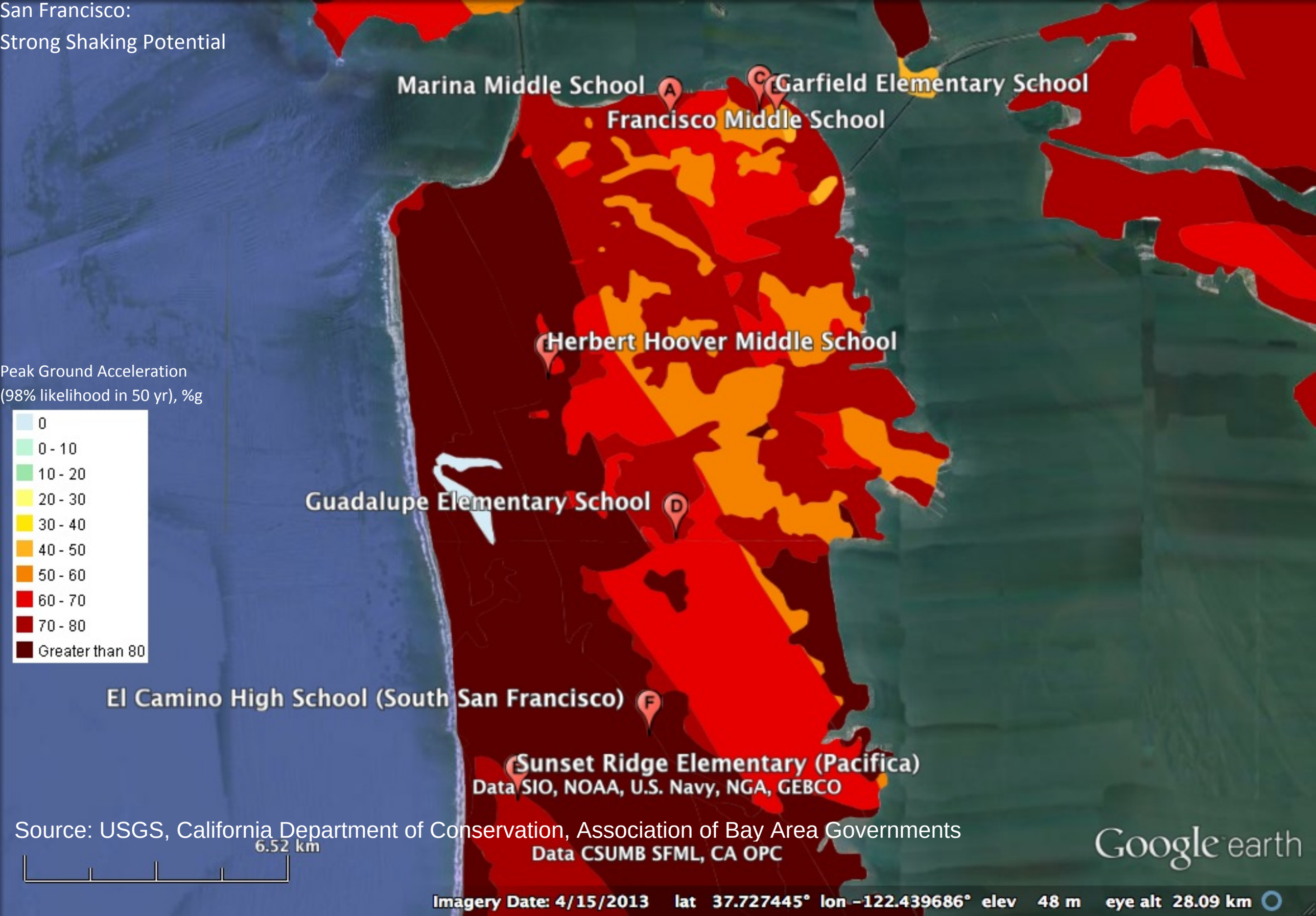
San Francisco:
Overview

San Francisco Marina District:
Overview



San Francisco:
Strong Shaking Potential

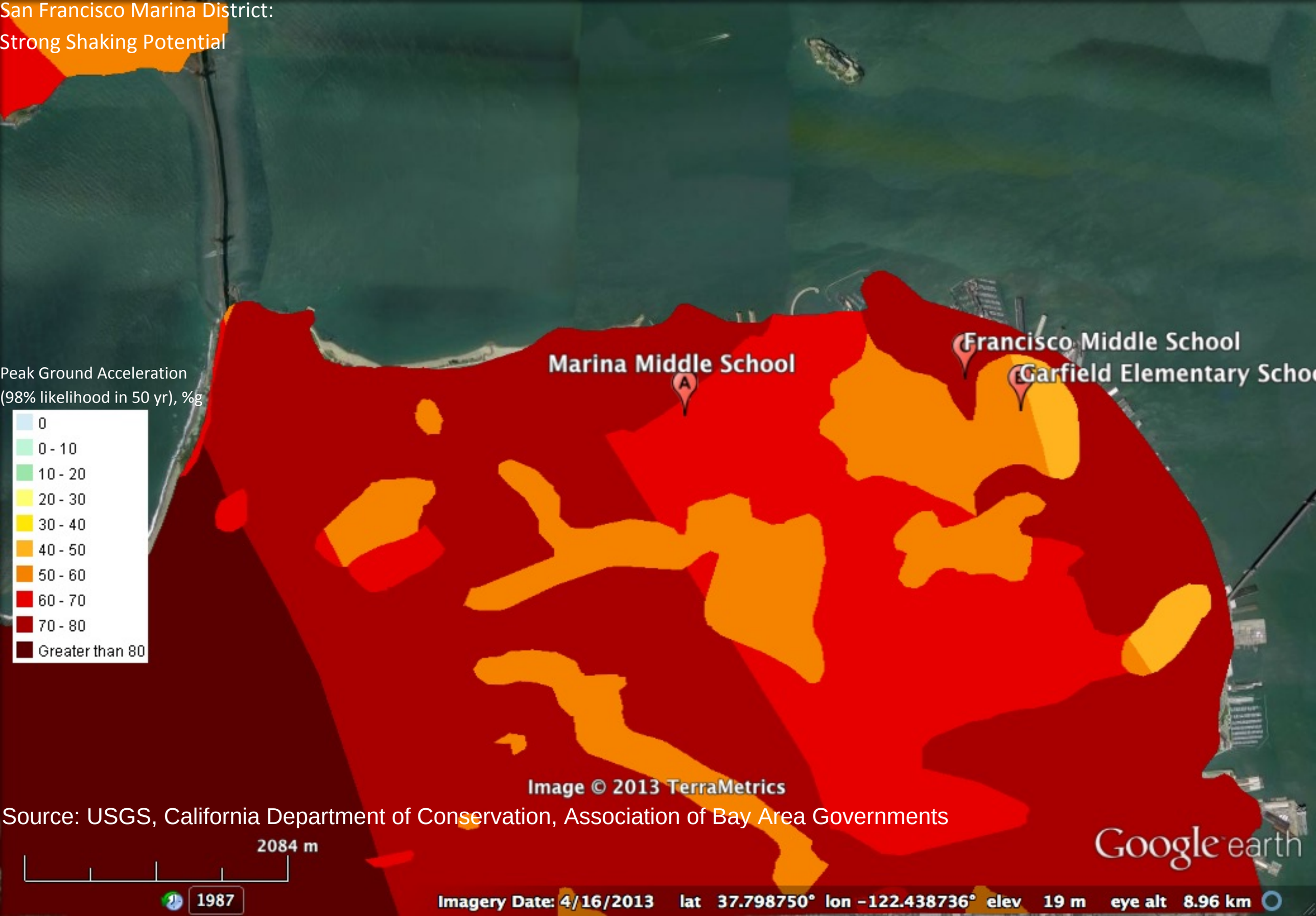


Peak Ground Acceleration
(98% likelihood in 50 yr), %g

- 0
- 0 - 10
- 10 - 20
- 20 - 30
- 30 - 40
- 40 - 50
- 50 - 60
- 60 - 70
- 70 - 80
- Greater than 80

Source: USGS, California Department of Conservation, Association of Bay Area Governments

San Francisco Marina District: Strong Shaking Potential



Source: USGS, California Department of Conservation, Association of Bay Area Governments

San Francisco:

Geology

af: artificial fill (gray)

Qs: Beach and dune sand (orange)

Qoa/Qpa/Qha: Alluvium (sand/gravel; tan or yellow)

Kfs: Hard rocks (blue/green)

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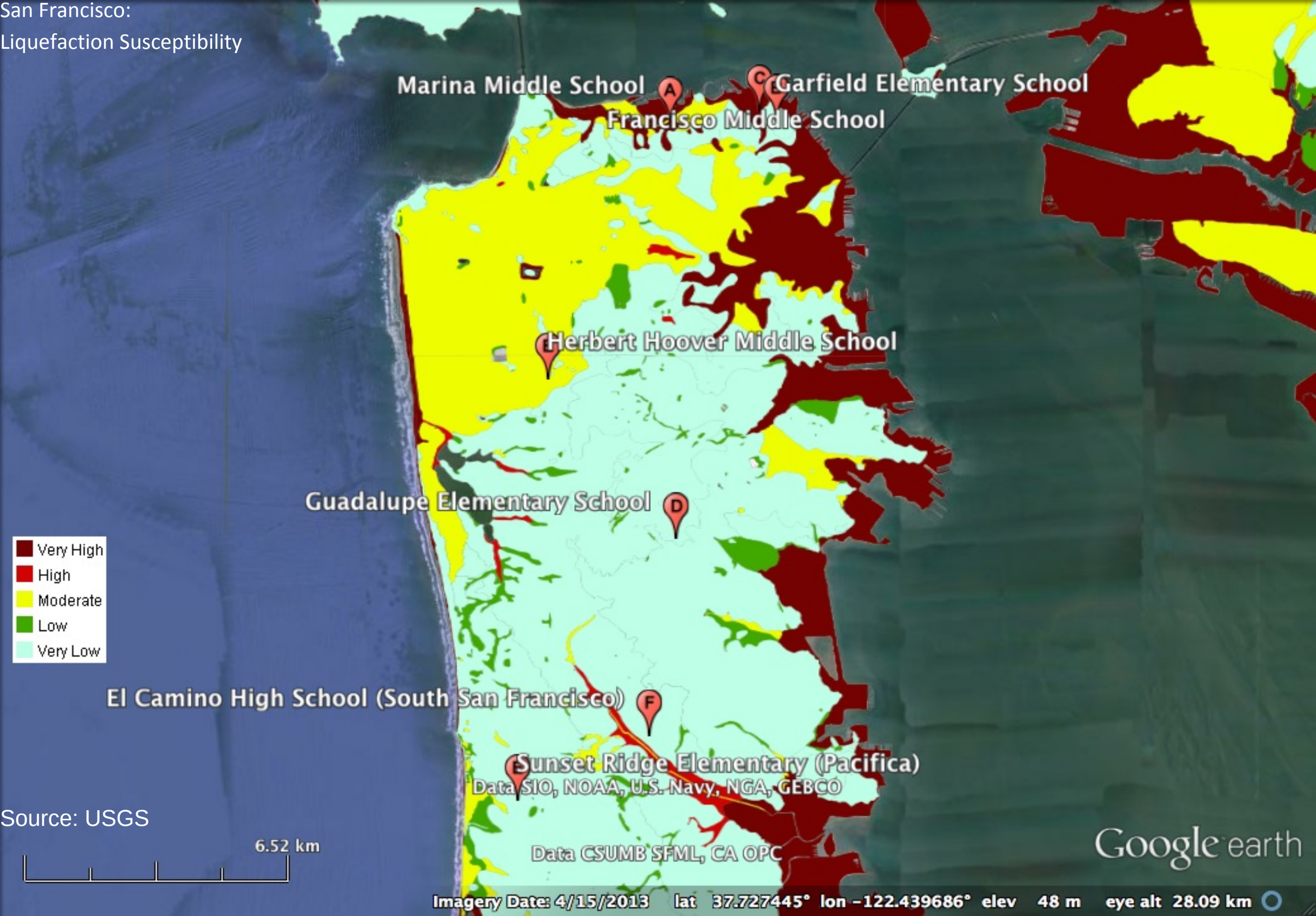
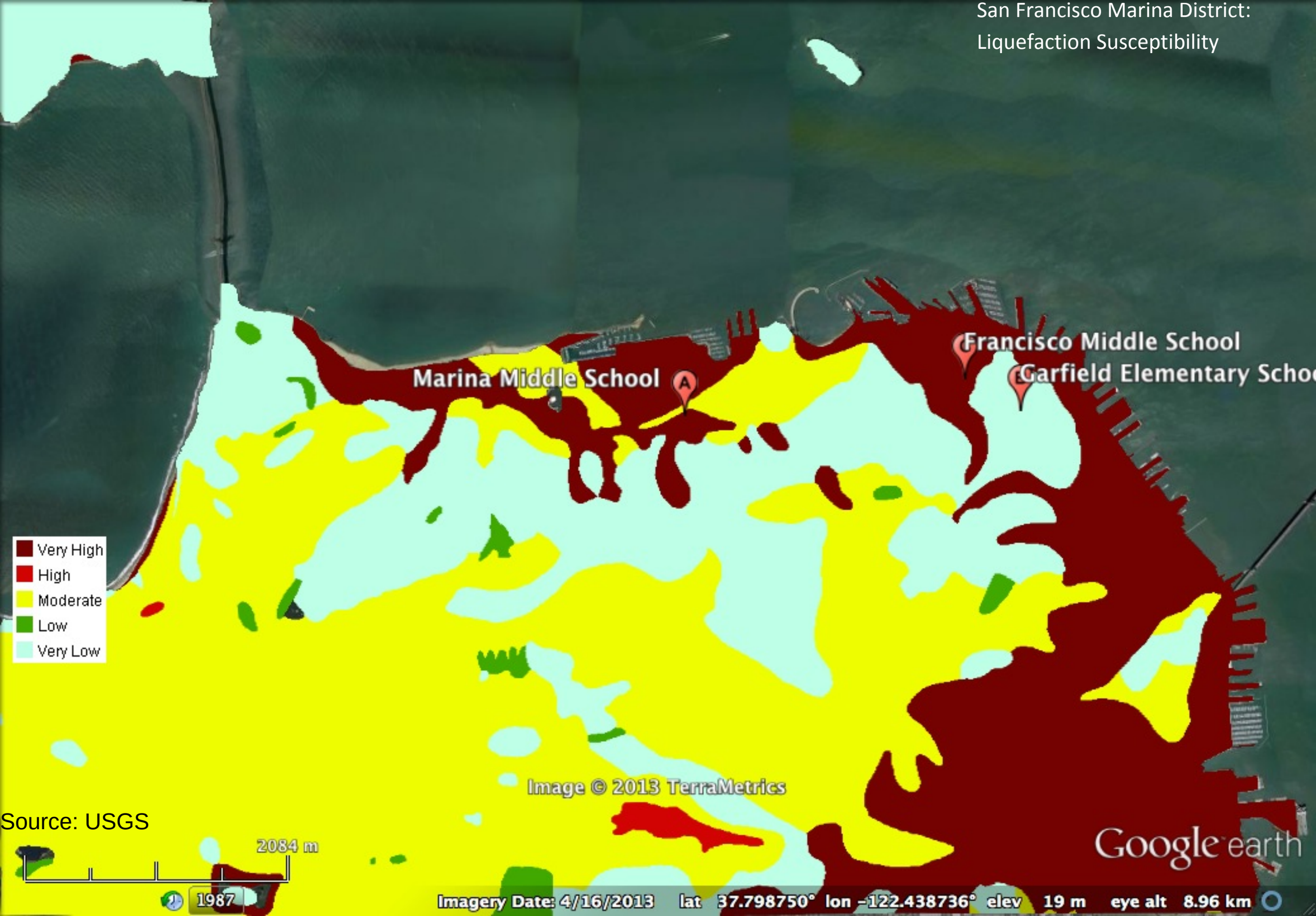
Source: USGS

San Francisco:
Liquefaction Susceptibility



Source: USGS

San Francisco Marina District:
Liquefaction Susceptibility



Source: USGS

San Francisco Marina District:
LIDAR Topography

Source: USGS